

OPENING TODAY AND TONIGHT

National Radio Schools

"America's First and Foremost"

Today and tonight, March 8, is an epoch making day in the history of wireless in Washington the Nation's Capital, for there is opening in the old Postal Telegraph Building at 1345 Pennsylvania avenue northwest, the new downtown branch of the National Radio Schools, the first and now foremost institution of its kind in America. All Washingtonians interested in the development of wireless telegraphy and telephony are invited to call and inspect this modern wireless establishment.

The National Radio School, first wireless school, founded in 1914 by James E. Smith, at the corner of 14th and U streets, and which at that time occupied but one small room, now occupies 2 large buildings and thousands of square feet of floor space in two important sections of the Nation's Capital and has enrolled for its various courses over 1,500 students.

The National Radio Schools now maintain two distinct establishments, the original school at 14th and U sts. and the new downtown school, which is opening today at 1345 Pa. ave. N. W. The operation of these two schools enables us to provide advantages not found in any other similar institution in the country—that of intercommunication between two schools, the students of one school actually talk to students in the other school by wireless telegraphy and telephony. The need for the two schools is apparent. The uptown school will adequately care for the large number of students in the uptown and residential section of the city. The downtown school will care for those in the northeast, southeast and southwest sections. The equipment of these two schools of wireless is most modern and complete, every facility being provided for the rapid gaining of a thorough knowledge of this modern method of communication. Actual wireless telephones have been installed. Those who have looked upon this invention as a mere toy can now have demonstrated to their entire satisfaction its thoroughly practical nature. Anyone between the ages of 16 and 45 admitted as students of the National Radio Schools.

Public Invited to Wireless Telephone Demonstrations

Tonight and every night this week from 7:30 to 9:30 the public is welcome to witness wonderful wireless telephone demonstrations which will be conducted at our 1345 Pa. Ave. school. These experiments will include the human voice, music and code. Communication will be held with our uptown school and other sets within a range of 50 miles. All Washingtonians are welcome.

SALARIES PAID IN WIRELESS

A New and Uncrowded Field of Wonderful Opportunity
Wireless Operator, Merchant Marine—Senior operator, \$125 and up per month and all living expenses. Allowance for subsistence while in port is \$3.00 per day, provided meals not furnished aboard ship. Junior operator—\$100 a month and living expenses. (Our graduates go as seniors.)

Radio Inspectors—\$1,400 to \$3,500 per year.
Radio Engineers—From \$2,500 up to \$15,000 a year.
Aerial Mail Service—Senior operators, \$2,400 a year with 10 per cent bonus. Junior operators, \$1,500 a year with 10 per cent bonus.
Expert Radio Aids—\$16 per day.
Radio Aids, Male and Female—\$5 to \$8 per day and higher, according to qualifications and the importance of the duty to which assigned.
Lighthouse Service, Male and Female—\$750 to \$1,140 a year, with \$1 per diem additional for subsistence.
Bookkeeper and Accountant, Radio, Male or Female—\$1,200 per year.
Auditing Clerk, Radio, Grade 1, Male or Female—\$1,800 per year.
Auditing Clerk, Radio, Grade 2, Male or Female—\$1,200 per year.

NEW COURSES TAUGHT AT THE NATIONAL RADIO SCHOOLS

In addition to our standard courses in wireless telegraphy and telephony the following courses have recently been added because of the demand for workers in these lines.

SPANISH—

Because of the growing commercial and social intercourse between America and countries speaking the Spanish tongue a great demand has sprung up for men and women with a knowledge of this important language. In Cuba, Porto Rico, South and Central America this language is spoken almost entirely, and business opportunities in those countries have never been as numerous as they are today. A knowledge of Spanish coupled with ability and perseverance opens the door to many of these opportunities. Our course in Spanish is in charge of one of the most capable linguists in America.

RADIO COMPASS

Wireless is now being used for locating the position of ships at sea, stations located on land all along the coast being used as a medium. Over 100 such stations are already established on the Atlantic Coast.

Within a very short time all vessels will be so guided. This new and practical application of wireless has developed the need for men skilled in the practical use of the radio compass.

LAND TELEGRAPHY—

Notwithstanding the steady growth of wireless there is still a persistent demand for land telegraphers. The field of land telegraphy is a particularly attractive one to women, who succeed rapidly at this work, positions being of a permanent character and leading naturally to the wireless field with its many inducements. A knowledge of telegraphy has opened the door of success for thousands. Our course in land telegraphy is especially complete and comprehensive.

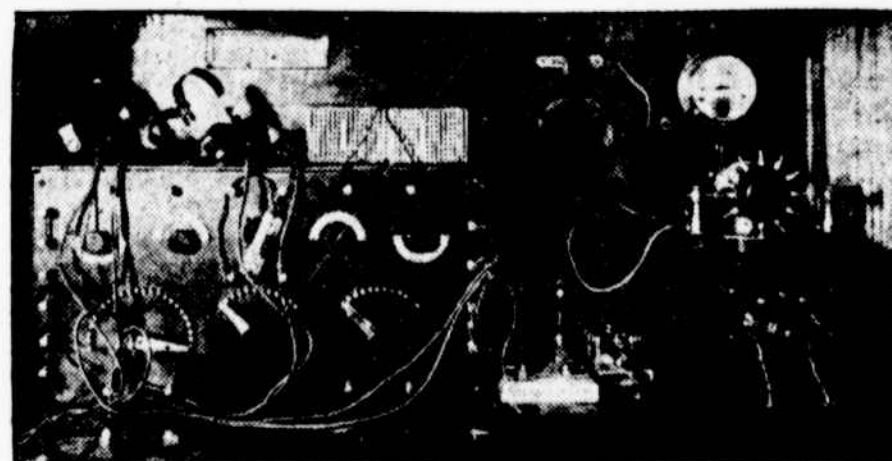
Convenient Class Hours and Convenient Terms

Realizing that most people who desire to enroll for our course are employed during the day, we have arranged a schedule of convenient class hours which make it possible for our students to secure the instructions at almost any hour of the day which suit them best.

To further facilitate in securing these instructions we have arranged convenient terms of payment of our tuition charges, which places our course within the reach financially of any ambitious man or woman who wants to succeed in this field. An interesting booklet, "Wireless, the Opportunity of Today," containing complete information, will be given upon application at either of our schools. We urge those interested to call and inspect our institutions, at which time any and all questions will be answered.

Correspondence Course For Out-of-Town Students

Realizing that many men and boys living outside of Washington wish to study wireless, we have a very thorough course to offer which can be completed at home. Booklet on request.



Standard Marconi Receiving Set in Operation at Uptown School.

WOMEN SUCCEED IN TELEGRAPHY

Hundreds of women have taken up and are now studying the various branches of telegraphy because of the broader field of activity which such work presents to them. This is the only institution in Washington teaching land telegraphy, and we invite ambitious women to inspect this course. Graduates are readily placed in attractive positions with the Western Union Telegraph Co., railroad companies, prominent stock brokers' offices, export and import concerns, etc. The salaries range from \$100 a month upward. Opportunities to grow and develop are numerous. The field is not overcrowded and women who have taken it up claim that it is far more interesting and broadening than stenography and other forms of office work. Women with a knowledge of Spanish are making good all over the Western Hemisphere in responsible positions, and in the field of telegraphy women are finding themselves particularly adaptable.

Call and let us show you what bright women are doing in this interesting field of commerce.

National Radio Schools

Uptown Branch
(Established 1914)
14th and U Sts. N. W.
Phone North 6868

"National in Fame as Well as in Name"

Downtown Branch Opens
March 8, 1920.
1345 Penna. Ave. N. W.
Phone Main 2286

RADIO CLUB OF WASHINGTON

All wireless amateurs in Washington and vicinity now operating or expecting to operate a wireless set are invited to join the Radio Club of Washington, whose clubhouse will be located in the new downtown branch of the National Radio Schools, at 1345 Pennsylvania ave. n. w., in the old Postal Telegraph building. Full details of the advantages and benefits to be derived from membership in the club will be furnished to those interested upon application at the Club's Headquarters, any evening this week from 7:30 to 9:30 o'clock.

See Our Free Wireless Telephone Demonstrations Every Night

You are invited to call at the new downtown branch of the National Radio Schools at 1345 Pennsylvania ave. n. w., to witness the actual demonstration of the new wireless telephone which we have installed for the instruction of our students. Actual wireless telephone messages will be sent and received between our two schools, and you will be given an opportunity to talk through space to other sections of the city. No charge will be made and you and your friends are cordially invited.



JAMES E. SMITH,
Director of Downtown
School
Opens March 8th 1920

EDMUND BRUCE

Chief Radio Telephone Instructor

Edmund Bruce, Chief Radio Telephone Instructor: In March, 1917, he was recommended for transatlantic operation and in June, 1917, was put in charge of the military work for the British Embassy. In August, Mr. Bruce was made first operator on French communications handling a schedule of 18,000 words daily. He was selected as one of the four naval operators handling the Presidential traffic, both by radio, telephone and telegraph with the U. S. S. George Washington, on her four presidential trips, and when, upon his discharge, he returned to his position with the National Radio School, he brought with him a wealth of practical knowledge and experience. At the present time Mr. Bruce holds one of the world's highest records for speed operating.

P. W. Dunmore, in charge of radio compass course, assistant physical radio development section, Bureau of Standards, Washington, D. C. Identified with radio work for past ten years as commercial operator on shipboard, in radio laboratories of well known manufacturers and in radio research. Past year devoted to problems in radio compass design and its application to navigation.

P. D. Lowell, Assistant Code Instructor. Ten years' experience in all branches of radio work, including research, design and manufacture. Now with Bureau of Standards doing efficient work in the Radio Laboratories.

Thomas M. Davis, Assistant Code Instructor: The past nine years have been devoted entirely to this work. Has had experience in about every branch of the radio work, which includes two years' experience as first flagship operator in the Atlantic Fleet, one and a half years as operator at the Navy Yard, New York; several months as instructor in theory code and practical radio, one year and a half in connection with manufacturing test and design work, as well as considerable installation work and the supervision of same.

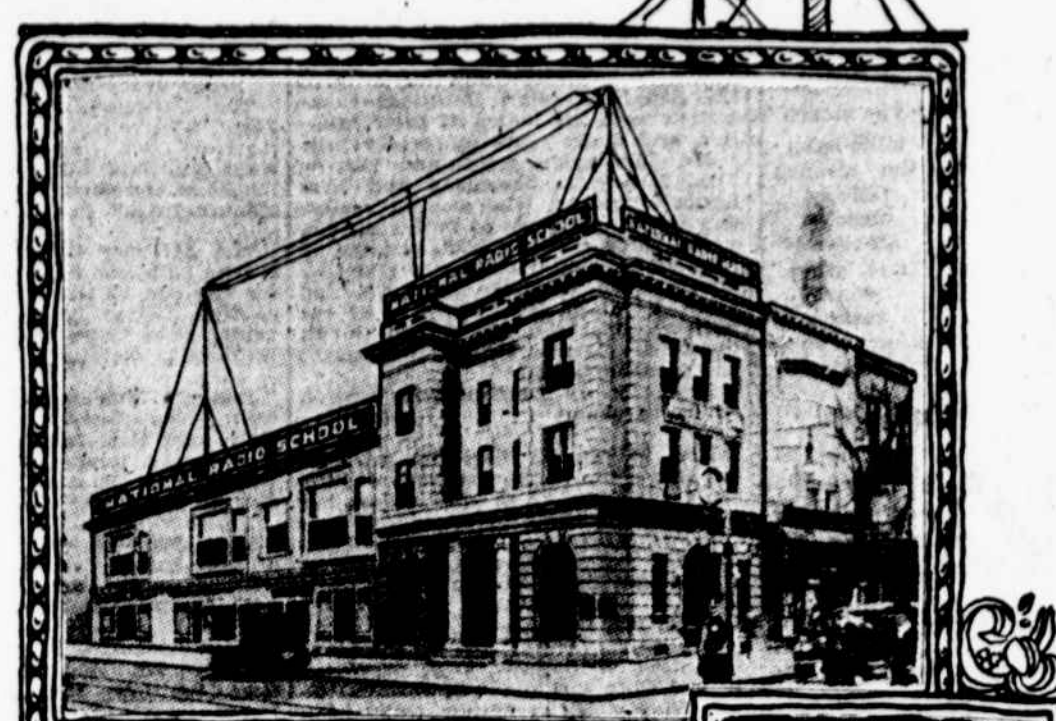
George J. Rohrick, Assistant Code Instructor. First interested in radio in 1911 and has held Commercial First Grade License since 1912. Commercial operator for Marconi Company aboard ship. Served in Signal Corps, U. S. A., and assigned as instructor in theory code and charge of Radio Laboratory Instruction at Army Signal School, Langres, France, for 11 months, instructing candidates for Signal Corps and for the Radio Intelligence section of that branch.

Raymond A. Gordon, Assistant Radio Code Instructor. Having worked at the manufacture of radio apparatus of all descriptions for 4 years, and becoming interested in radio work, enlisted in the U. S. Signal Corps and served as radio instructor at the Signal Corps Radio Training School, Carnegie Institute of Technology, Pittsburgh, Pa., later being assigned to the 122nd Aero Service Squadron, Air Service, doing experimental radio work on aeroplanes at the Signal Corps Radio Laboratories, Camp Alfred Vall, Little River, N. J. Discharged on January 2, 1919, and am now employed as a radio electrician by the United States Government.

Harry D. Eisenhauer: For 14 years held position as radio instructor at the United States Army School of Military Aeronautics, Columbus, Ohio, during the war. Held position as chief theory instructor during the latter part of the war at the National Radio School in this city. A present holds position as radio electrician.

David W. Gregory, Chief Wireless Code Instructor: Varied experience as commercial operator at land stations and on ship board; organized and acted as chief instructor of wireless training courses at Walter Reed Hospital for past year.

Senor Angela C. De Aguilera, Instructor of Spanish: A native Spaniard, with broad knowledge of the application of his native tongue in various professions and commercial pursuits. Formerly instructor of Spanish in Argentine Republic, and later in New York city. Senor Aguilera's system of teaching Spanish by the improved conversational method enables one to grasp the language in a remarkably short time.



E. R. HAAS,
Director of Uptown
School
Est. 1914

Positions Guaranteed

Owing to the great demand for our graduates and the many positions now open, we are able to guarantee positions to all students who successfully complete our course and secure a first grade Government license.

CYRIL A. BRIGHAM

Chief Instructor of Radio Theory

Cyril A. Brigham, Chief Instructor of Radio Theory Classes: Mr. Brigham received thorough and comprehensive instruction in radio from the United States Navy. After his enlistment he was first sent to the Radio School at Harvard University, then to the Wireless Telephone School at New London, Conn., and afterward did his experimental work at the Marconi Factory in New Jersey. His unusual ability won quick recognition and he was sent to Consuelo, San Pedro de Maronia, Haiti, to install there a radio station, operating on land and air. At the close of the war he was put in charge of the theory work at the National Radio School.

Joseph H. Schmidt, Chief Radio Code Instructor: After a thorough radio course in the United States Navy, Mr. Schmidt was detailed to the theory department of the radio school of Harvard University and made assistant instructor in Main Station, which covered the five K. W. spark set installation generally used on battleships. He was later transferred to the Navy Yard at Washington, where he specialized in drafting for navy receiving equipment and then became associated with the National Radio Schools.

Cecil E. Brigham, Assistant Wireless Code Instructor: Formerly instructor of Radio Telegraphy in U. S. Navy and later engaged in radio research work at the famous Marconi factories in New Jersey. Recently made radio tests at Norfolk, Va. Flying Field, and now is first-class radio electrician. His broad experience makes him a most able instructor in his line.

James W. Cook, Advanced Radio Class Instructor: Has had broad and varied wireless experience with U. S. Army and special training in manufacture of radio apparatus. Later connected with radio laboratory of Washington Navy Yard. Mr. Cook directed installation of French E-16 radio sets for fire control of naval 14-inch guns.

E. J. Oliver, Morse Telegraph Code Instructor: Has had broad experience as railroad telegraph agent and operator both in U. S. and Canada. Earned valuable experience during the war with Signal Corps.

James F. Nichols, Chief Morse Telegraph Code Instructor: Associated with the Western Union Telegraph Company and later with the Santa Fe Railroad as train dispatcher. Eminent for the position of instructor of Morse telegraphy which he now occupies at the National Radio School. Mr. Nichols also has charge of all Morse telegraphy instruction at the Walter Reed Hospital for wounded soldiers, at Washington, one of the largest convalescent hospitals in the country.

Mrs. Edna M. Brewer, Recording Secretary National Radio Schools: Mrs. Brewer classifies and records the progress of all students. Her broad training in educational and secretarial work have equipped her for the success she has won in this field.

W. B. Perine started in radio as an amateur in 1910; studied radio at Dodge Institute of Telegraphy at Valparaiso, Ind., in 1912; worked on the Great Lakes for a few months; joined Navy as a radio operator July, 1915, and attended U. S. Navy Electrical School at Brooklyn, N. Y. Was operator on board U. S. S. Wyoming and two years on board the presidential yacht, U. S. S. Mayflower; went overseas doing convoy work on the U. S. S. Lake Tahoe and U. S. S. Evansville; was discharged after 4 years of naval duty, and at present employed as a Radio Electrician for the Government.

C. K. Manser, Assistant Radio Code Instructor: Naval radio operator during war, and graduate of the Harvard Radio School.